

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tin-Tack Peter Cheung, et al.

10/712,686

Filed: November 13, 2003

Serial No.:

For: METHODS AND SYSTEMS OF PRODUCING

MONOOLEFINS BY THE EXTRACTION-

HYDROGENATION OF HIGHLY UNSATURATED HYDROCARBONS

Group Art Unit: 1764

Examiner: Not Assigned

Confirmation No.: 9092

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, PO Box 1450. Alexandria. VA 22313-1450

Edith S. Shek

## INFORMATION DISCLOSURE STATEMENT

### Commissioner:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. A copy of each patent and publication listed on Form PTO-1449 is enclosed herewith.

The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an

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faction. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

As a part of this submission, an electronic Information Disclosure Statement (eIDS) is being transmitted on this date, and includes a listing of the U.S. Patents and Printed Applications. A printed copy of that submission is attached hereto. In accordance with 37 C.F.R. 1.98(e), no paper copies of those U.S. Patent and Published Applications are enclosed.

Date: 2- 11-04

Rodney B. Carroll Reg. No. 39,624

Respectfully submitted, CONLEY ROSE, P.C.

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FORM PT0-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 33735US (4081-04300) SERIAL NO. 10/712,686

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Methods and Systems of Producing Monoolefins by the Extraction-Hydrogenation of Highly Unsaturated Hydrocarbons

Tin-Tack Peter Cheung, et al. APPLICANTS:

FILING DATE:

November 13, 2003

1764 GROUP

	U. S. PATENT DOCUMENTS													
Examiner Initial		Patent Number					Issue Date		Class	Sub- class	Filing Date (If Appropriate)			
	AA													
	AB													
	AC													
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	FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION														
Document Number					er		Publication Date (dd/mm/yyyy)	Country or Patent Office	Class	Sub- Class	Transl Yes	ation No			
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07	THER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)
Examiner	Date Considered
EXAMINER: Initial citation co communication to applicant.	nsidered. Draw line through citation if not in conformance and not considered. Include copy of this form with next

# **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

Title of Invention

Methods and Systems of Producing Monoolefins by the Extraction-Hydrogenation of Highly Unsaturated Hydrocarbons

Application Number:

10/712686

\*10/712686\*

Confirmation Number:

9092

First Named Applicant:

Tin-Tack Cheung

Attorney Docket Number: 4081-04300

4004 04000

Art Unit:

1764

Search string:

( 3477962 or 3651167 or 3666412 or 3755488 or 3948808 or 3957688 or 4128595 or 4191846 or 4227025 or 4484015 or 4906800 or 5413984 or 5475173 or 5489565 or 6127588 or

6635600 ).pn.

## **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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	2	3651167	1972-03-21	de Rosset		260	681.5
	3	3666412	1972-05-30	Sowards		23	162
	4	3755488	1973-08-28	Johnson et al.		260	677A
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	6	3957688	1976-05-18	Farha Jr. et al.		252	455 R
	7	4128595	1978-12-05	Montgomery		260	677 H
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	9	4227025	1980-10-07	Montgomery		585	259
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	12	5413984	1995-05-09	Marecot et al.		502	333
	13	5475173	1995-12-12	Cheung et al.		585	259
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	15	6127588	2000-10-03	Kimble et al.		585	260
	16	6635600	2003-10-21	Kimble et al.		502	330

Signature	
Examiner Name	Date